

MEMORANDUM



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To: Project Team Members **Date:** 05/05/03
From: MWH **Reference:** 04/15/03 Bosque and Leon
 Rivers Watershed Study Team
 Meeting Notes
Subject: Team Meeting Notes

The following is the “final” copy of the meeting notes from the events and issues discussed during the team meeting held at the BRA office in Waco, Texas on April 15, 2003.

Attendees:

United States Army Corps of Engineers, Fort Worth District (USACE) – Brian Condike
Brazos River Authority (BRA) – Kyle Headley, Gayle Haecker
MWH – David Ebersold, Ronald Hartline, Kartik Gandhi
The Institute of Environmental and Human Health at Texas Tech University (TIEHH) – Dr. Todd Anderson
City of Waco – Rick Howard
Environmental Protection Agency (EPA Region 6) – Bob Sturdivant, Cheryl Overstreet

Welcome and Housekeeping

Welcome and introduction of meeting attendees.

USACE

- Mr. Condike reported that the Stakeholder and Public meetings held on April 14, 2003 in Temple, Texas had gone very well. The second public meeting is scheduled to be held this evening in Waco, Texas. The primary feedback received from the Stakeholders was that they would like to increase the Stakeholder meeting frequency to keep them more informed on the progress of the project. There was also a request from the stakeholders to involve the Navy, EPA, Texas Commission on Environmental Quality (TCEQ) and Texas Department of Health (TDH) at future Stakeholder meetings. Mr. Condike commented that the stakeholders hope to obtain guidance in developing public policy at these meetings.
- Mr. Condike reported that the project team had completed a report outline workshop earlier that morning. A detailed final report outline was developed by the team and he was pleased with the outcome of the workshop.
- Mr. Condike noted that there was considerable improvement in co-ordination between the progress being reported by TIEHH and the amounts being invoiced by their accounting department. Mr. Condike indicated that he had not received an invoice from BRA in quite a while. Mr. Headley agreed to look into the matter.

TIEHH

- Dr. Anderson reported that during the previous week, TIEHH had collected additional fish specimens.
- Dr. Anderson said that he would be overseeing the collection of blood samples from the cows in the enclosure study tomorrow and that he had conducted water sampling from the reference area. No perchlorate was found in the samples collected from the Reference site, but there were detections of perchlorate in samples collected from the Contaminated site.
- Mr. Condikey noted that he would travel to (TIEHH) Lubbock, Texas and meet with other TIEHH personnel involved with various portions of the study to inspect their progress and help tie their work product into the final report schedule.
- Ms. Overstreet inquired as to which organs from the cows in the large mammal study would be tested. Dr. Anderson responded that all the organs from the cows that are consumed would be tested. In addition, thyroid hormones from blood samples would be tested. Dr. Anderson also said that he had contact information for personnel at Texas A&M University regarding historical blood data of cows that grazed on the A&M property adjacent to NWIRP, and would be contacting them in the near future.

MWH

- Mr. Hartline said that the “Final Lake Belton Anoxic Study Field Sampling Plan” would be submitted to the project team next week. The remaining field sampling plan to be completed is the “Draft Groundwater Dye Tracer Study Field Sampling Plan”. Mr. Hartline stated that MWH was waiting to obtain more groundwater level data from the mini-trolls to obtain a better understanding of the interaction of groundwater levels and stream levels before completing the “Draft Groundwater Dye Tracer Study Field Sampling Plan”. Mr. Hartline said that MWH had now identified several good locations for the dye study after obtaining data from TIAER’s survey. These stations were TRM1, SC1, SC5, HC1, SBR1 and SBR3. The stations that were not conducive to a dye study or did not have a monitoring well installed were SBR2, LR1, OC1, SBR5, HC2, SC3, CHC1, SBR4 and MBR1.
- Mr. Hartline presented maps of longitudinal stream sampling stations and perchlorate data collected since the start of sampling though March 17, 2003. Mr. Hartline indicated that concentrations decrease significantly halfway downstream between NWIRP and the lakes and that concentrations in the main rivers (Middle Bosque, Leon and Cowhouse Creek) have all been below detection limits during all sampling events.
- Mr. Hartline also presented preliminary results from the Spring 2003 Lake Belton Acoustic Doppler Profiler Study (ADCP) report. Initial results indicate some preferential pathways along the thalweg may be present. This will be verified further during future studies.
- Mr. Condikey noted that there would a contract modification to the MWH contract to include a more detailed Lake Belton Anoxic Bench Scale Study. He also asked MWH to include an increased number of public and stakeholder meetings in the amendment.

BRA

- Mr. Headley reported that the next RAB meeting would be on June 12, 2003. The project team decided to hold the project meeting on the same day.
- Ms. Haecker inquired regarding the schedule of the next Lake Belton ADCP survey. Mr. Hartline indicated that it would be around mid June and stressed that there would be a lot of fieldwork in June.
- Ms. Haecker also informed the team that BRA might install modems at certain sampling stations to allow notification during a storm event.

Next Meeting.

Ms. Overstreet informed the team that she had received the Draft Final Groundwater Investigation Report from the Navy, and she felt that a lot of the ecological information required for the APAR (Affected Property Assessment Report) would be based on the team's ecological study.

Mr. Condikey said that the next team meeting would be on June 12, 2003 at 10:30 AM at the BRA office (Waco, Texas) in conjunction with the Navy RAB meeting. The project team also decided to hold the next Stakeholders meeting on August 12, 2003 at 1:30 PM

Adjourn